

## SEQUENCE LISTING

Arg Glu His Leu Leu Gln Lys Lys Glu Phe Ala Ile Leu Ile Ser Leu  
 130 135 140  
 gcc att tgg gtt tta gta acc tta gag tta cta ccc ata ctt ccc ctt 480  
 Ala Ile Trp Val Leu Val Thr Leu Glu Leu Leu Pro Ile Leu Pro Leu  
 145 150 155 160  
 ata aat cct gtt ata act gac aat ggc acc acc tgt aat gat ttt gca 528  
 Ile Asn Pro Val Ile Thr Asp Asn Gly Thr Thr Cys Asn Asp Phe Ala  
 165 170 175  
 agt tct gga gac ccc aac tac aac ctc att tac agc atg tgt cta aca 576  
 Ser Ser Gly Asp Pro Asn Tyr Asn Leu Ile Tyr Ser Met Cys Leu Thr  
 180 185 190  
 ctg ttg ggg ttc ctt att cct ctt ttt gtg atg tgt ttc ttt tat tac 624  
 Leu Leu Gly Phe Leu Ile Pro Leu Phe Val Met Cys Phe Phe Tyr Tyr  
 195 200 205  
 aag att gct ctc ttc cta aag cag agg aat agg cag gtt got act got 672  
 Lys Ile Ala Leu Phe Leu Lys Gln Arg Asn Arg Gln Val Ala Thr Ala  
 210 215 220  
 ctg ccc ctt gaa aag oct ctc aac ttg gtc atc atg gca gtg gta atc 720  
 Leu Pro Leu Glu Lys Pro Leu Asn Leu Val Ile Met Ala Val Val Ile  
 225 230 235 240  
 ttc tct gtg cct ttt aca ccc tat cac gtc atg cgg aat gtg agg atc 768  
 Phe Ser Val Pro Phe Thr Pro Tyr His Val Met Arg Asn Val Arg Ile  
 245 250 255  
 gct tca cgc ctg ggg agt tgg aag cag tat cag tgc act cag gtc gtc 816  
 Ala Ser Arg Leu Gly Ser Trp Lys Gln Tyr Gln Cys Thr Gln Val Val  
 260 265 270  
 atc aac tcc ttt tac att gtg aca cgg cct ttg gcc ttt ctg aac agt 864  
 Ile Asn Ser Phe Tyr Ile Val Thr Arg Pro Leu Ala Phe Leu Asn Ser  
 275 280 285  
 gtc atc aac cct gtc ttc tat ttt ctt ttg gga gat cac ttc agg gac 912  
 Val Ile Asn Pro Val Phe Tyr Phe Leu Leu Gly Asp His Phe Arg Asp  
 290 295 300 320  
 atg ctg atg aat caa ctg aga cac aac ttc aaa tcc ctt aca tcc ttt 960  
 Met Leu Met Asn Gln Leu Arg His Asn Phe Lys Ser Leu Thr Ser Phe  
 305 310 315 320  
 agc aga tgg gct cat gaa ctc cta ctt tca ttc aga gaa aag tga 1005  
 Ser Arg Trp Ala His Glu Leu Leu Leu Ser Phe Arg Glu Lys  
 325 330 335  
 ggggttgtg aaacagatg ttctacagat gaatctgtaa ggcaggatata gtttgcccta 1065  
 actcatagac atcaatcaga gaggtgtcaca gatttaacct tgatctaaag acaagttgtt 1125  
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<110> Hedrick, Joseph A.  
 Lachowicz, Jean E.  
 Wang, Wei  
 Gustafson, Eric L.

<120> Adenosine Receptor

<130> CN01084

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<170> PatentIn Ver. 2.1

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<213> homo sapiens

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gca gag gct gcc ctg gaa aag tac tac ctt tcc att ttt tat ggg att  
 Ala Glu Ala Ala Leu Glu Lys Tyr Tyr Leu Ser Ile Phe Tyr Gly Ile  
 20 25 30

gag ttc gtt gtg gga gtc ctt gga aat acc att gtt gtt tac ggc tac  
 Glu Phe Val Val Gly Val Leu Glu Asn Thr Ile Val Val Tyr Gly Tyr  
 35 40 45

atc ttc tct ctg aag aac tgg aac agc agt aat att tat ctc ttt aac  
 Ile Phe Ser Leu Lys Asn Trp Asn Ser Ser Asn Ile Tyr Leu Phe Asn  
 50 55 60

ctc tct gtc tct gac tta gct ttt ctg tgc acc ctc ccc atg ctg ata  
 Leu Ser Val Ser Asp Leu Ala Phe Leu Cys Thr Leu Pro Met Leu Ile  
 65 70 75 80

agg agt tat gcc aat gga aac tgg ata tat gga gac gtg ctc tgc ata  
 Arg Ser Tyr Ala Asn Gly Asn Trp Ile Tyr Gly Asp Val Leu Cys Ile  
 85 90 95

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 Ser Asn Arg Tyr Val Leu His Ala Asn Leu Tyr Thr Ser Ile Leu Phe  
 100 105 110

ctc act ttt atc agc ata gat cga tac ttg ata att aag tat cct ttc  
 Leu Thr Phe Ile Ser Ile Asp Arg Tyr Leu Ile Ile Lys Tyr Pro Phe  
 115 120 125

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cactggtcag attgtaaaaa aaaaaaaaaaaa aaa

1338

&lt;210&gt; 2

&lt;211&gt; 334

&lt;212&gt; PRT

&lt;213&gt; homo sapiens

&lt;400&gt; 2

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				20				25					30		

Glu	Phe	Val	Val	Gly	Val	Leu	Gly	Asn	Thr	Ile	Val	Val	Tyr	Gly	Tyr
				35				40					45		

Ile	Phe	Ser	Leu	Lys	Asn	Trp	Asn	Ser	Ser	Asn	Ile	Tyr	Leu	Phe	Asn
				50				55			60				

Leu	Ser	Val	Ser	Asp	Leu	Ala	Phe	Leu	Cys	Thr	Leu	Pro	Met	Leu	Ile
				65				70			75			80	

Arg	Ser	Tyr	Ala	Asn	Gly	Asn	Trp	Ile	Tyr	Gly	Asp	Val	Leu	Cys	Ile
				85				90					95		

Ser	Asn	Arg	Tyr	Val	Leu	His	Ala	Asn	Leu	Tyr	Thr	Ser	Ile	Leu	Phe
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Leu	Thr	Phe	Ile	Ser	Ile	Asp	Arg	Tyr	Leu	Ile	Ile	Lys	Tyr	Pro	Phe
				115				120				125			

Arg	Glu	His	Leu	Leu	Gln	Lys	Lys	Glu	Phe	Ala	Ile	Leu	Ile	Ser	Leu
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Ala	Ile	Trp	Val	Leu	Val	Thr	Leu	Glu	Leu	Leu	Pro	Ile	Leu	Pro	Leu
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Ile	Asn	Pro	Val	Ile	Thr	Asp	Asn	Gly	Thr	Thr	Cys	Asn	Asp	Phe	Ala
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Ser	Ser	Gly	Asp	Pro	Asn	Tyr	Asn	Leu	Ile	Tyr	Ser	Met	Cys	Leu	Thr
								180			185		190		

Leu	Leu	Gly	Phe	Leu	Ile	Pro	Leu	Phe	Val	Met	Cys	Phe	Phe	Tyr	Tyr
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Lys	Ile	Ala	Leu	Phe	Leu	Lys	Gln	Arg	Asn	Arg	Gln	Val	Ala	Thr	Ala
				210				215			220				

Leu	Pro	Leu	Glu	Lys	Pro	Leu	Asn	Leu	Val	Ile	Met	Ala	Val	Val	Ile
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Phe	Ser	Val	Pro	Phe	Thr	Pro	Tyr	His	Val	Met	Arg	Asn	Val	Arg	Ile
				245				250			255				

Ala	Ser	Arg	Leu	Gly	Ser	Trp	Lys	Gln	Tyr	Gln	Cys	Thr	Gln	Val	Val
				260				265			270				

Ile	Asn	Ser	Phe	Tyr	Ile	Val	Thr	Arg	Pro	Leu	Ala	Phe	Leu	Asn	Ser
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275	280	285	
Val Ile Asn Pro Val Phe Tyr	Phe Leu Leu Gly Asp His Phe Arg Asp		
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Met Leu Met Asn Gln Leu Arg His Asn Phe Lys Ser Leu Thr Ser Phe			
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<223> Description of Artificial Sequence: antisense PCR primer

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38



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